

SEARCHLIGHT FOIA REQUEST

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DEPARTMENT OF THE NAVY
NAVAL AIR SYSTEMS COMMAND
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IN REPLY REFER TO

13100

Ser Air 5.0/141

MAR 29 2013

From: Commander, Naval Air Systems Command
To: Director, Energy & Environmental Readiness Division, Office of
the Chief of Naval Operations (OPNAV N45)
Subj: PROPOSED HIGH RISK OF ADVERSE IMPACT ZONES (HRAIZ)
Ref: (a) Deputy Chief of Naval Operations (Fleet Readiness and
Logistics) ltr 5090, Ser N4/11U156062 of 16 SEP 2011,
Interim Guidance of Compatibility and Readiness Sustainment
Assessment and Coordination
(b) Section 358, Fiscal Year 2011 National Defense
Authorization Act
Encl: (1) Determination of a High Risk of Adverse Impact Zone, Naval
Air Warfare Center Aircraft Division, Atlantic Test Range
(2) Determination of a High Risk of Adverse Impact Zone, Naval
Air Warfare Center Weapons Division

1. To assist in protecting the Advanced Dynamic Aircraft Measurement System (ADAMS) mission at the Atlantic Test Range (ATR) and the airborne radar test mission at China Lake, we request approval to establish two HRAIZs as described in enclosures (1) and (2) and make them available to land use jurisdictions, developers, and the public. Enclosures (1) and (2) also provide the background and justification. This request is submitted in accordance with reference (a).

2. Advanced Dynamic Aircraft Measurement System is a national asset and the Department of the Navy's only open air dynamic radar cross section (RCS) measurement facility. It is integral to Naval Air Warfare Center Aircraft Division (NAWCAD) mission and part of the Major Range Test Facility Base responsible for providing full spectrum of aircraft research, development, acquisition, test and evaluation (RDAT&E) capability for the joint services. The RDAT&E mission supported by the ADAMS is non-severable, required and validated. Wind energy development continues to gain momentum in the areas surrounding the ATR. Several developers are proposing wind farms within the ADAMS radar Line of Sight (LOS) and the analysis shows that the NAWCAD mission will be negatively impacted if constructed.

3. Airborne radar testing is a core Naval Air Warfare Center Weapons Division (NAWCWD) mission and part of the Major Range Test Facility Base responsible for providing full spectrum of aircraft RDAT&E capability for the joint services. The airborne radar test mission is non-severable, required and validated but is threatened by the proliferation of wind turbine development in and around the R-2508 Complex. Current wind energy developments limit our ability to

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conduct airborne radar testing and validation towards the southwestern portion of the complex. Other planned wind energy projects threaten the NAWCWD ability to test in other directions.

4. Our experience at Patuxent River and China Lake and the increasing interest in wind energy development caused us to become more proactive in our approach to protecting these critical missions. Accordingly, NAWCAD and NAWCWD coordinated with the Office of the Chief of Naval Operations (OPNAV), Navy Secretariat and Office of the Secretary of Defense (OSD) to jointly formulate the concept of an HRAIZ, which is an outgrowth of reference (b). This letter formalizes the concept.

5. My point of contact is Anthony M. Parisi, (805) 989-9209, anthony.parisi@navy.mil.



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